BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

Name of Work: Improvements of RCC drain & Covering slab Dasarahalli Metro station to Bylappa Circle Right side road in Dasarahalli Ward No 15

015-19-000003			Est. Cost Rs				75.00	Lakhs	
Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB M200-Dismtling of existing structures like culverts, Bridges, retaining walls and other structure comprising of masonary, cement concrete, wood work,steel work, including T&P and scaffolding whereever necessary, sorting the dismanlet material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specification Lime/Cement concrete I. By Manual Means C. Prestressed /Reinforced cement concrete Grade M-20 & above (P-139, lt 18.19) PWD SR 2018-19								
		Cum	1	553.00	1.20	0.15	99.54		
	Old drain		2	553.00	0.15	1.00	165.90		
							265.44	1684.34	**447091.00**
	Basic Rate	1589.00							
	Add Area Weightage 6%	95.34							
	Total	1684.34							
2	KSRRB 300-1. Earthwork excavation by manual means in **Hard soil** involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3 (P.6/I.2.4 PW, P & IWTD -SR 2018-19)								
		Cum	1	553.00	1.20	1.20	796.32		
	for Culvert		7	7.50	2.00	1.10	115.50		
	Basic Rate	179.00					**911.82**	189.74	**173009.00**
	Add Area Weightage 6%	10.74							
	Total	189.74							
3	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. MORTH Specification No. 2100 (P.222/I.27.18) PWD - SR 2018-19)								
		Cum	1	553.00	1.20	0.15	99.54		
			7	7.50	2.00	0.15	15.75		
	Basic Rate	5115.00					**115.29**	5421.90	**625091.00**
	Add Area Weightage 6%	306.90							
	Total	5421.90							

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	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with CR/1 at 400 kgs and 20mm and down size granite metal coarse aggregate at 0.80 cum and fine aggregate at 0.48 cum machine mixed, well compacted for right and bottom including centering, shuttering, cost of materials, hire of machinery, curing etc., complete excluding cost of steel as per the KeRRA specification No. 1600, 1700, 2200,DWD 006 2018-19 & 1600 2017, to BQ 07.09.200								
	Side wall for Concrete	Cum	2	553.00	0.15	0.80	149.31		
	Raft for UC Drain		1	553.00	0.80	0.15	74.65		
	Building side		1	100.00	0.15	0.40	24.00		
	side wall	7	2	7.50	0.50	1.00	52.50		
	Raft for Culvert	7	1	7.50	1.50	0.15	11.81		
	Ramp	7	2	7.50	0.75	0.125	9.84		
	Basic Rate	6870.00 /					999.06	7979.28	2,380,876.68
	Add Area Weightage 6%	109.20							
	Total	7979.28							
5	Supplying and fixing precast reinforced concrete slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials,								
	Data Rates Approved by	Sqm	1	100.00	0.00		991.19		
							991.19	7096.00	2,950,952.00
6	KSRRB M2200 6. Supplying, fitting and placing HMS bar Fe 600 reinforcement in sub structure complete as per drawing and Technical Specifications complete as per specification(M/2017) Specification No.1600 & 2200 P. no.229 - 1, no.28.8.2) FWD - 006 2018-19								
	For Drain 70kg/Cum	Tonne							
	Qty Vide Item No. 5		70	223.96			15677.20		
	For Culvert 85kg/Cum		85	48.50			4127.50		
							19804.70		
	Basic Rate	69233.00					19.80	72226.68	14,301,621.00
	Add 6% A.W	4993.68							
	TOTAL	72226.68							
7	Providing and laying Pre cast drain cover slab of 25mm thickness including cost of all Materials Labour, curing, Transportation, Loading & un loading etc. as per direction of the Engineer Incharge								
	Data Rates Approved by CE DL enclosed	Sqm	7	7.50	1.50		78.75		
							78.75	5241.00	412726.00

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	osal of debris to the final place of disposal with all lead and lift and direction by the engineer in charge of the work, lead 4 Km a) Basic ... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Page No. 136 Item No. 17.1 PWD SR 2018-19							
	Loading and Unloading Charges	Cum 57.00	Qty Vide Item No. 2				789.00	69.80	55072.00
	Lead 4 KMs 2x1.28x4	12.80							
	Total	69.80							
9	KRIDL Charge 4.5%						Sub Total		6437722
10	GST charges 12%								289697.00
11	Miscellaneous and UnforessenCharges								772527.00
									54.00
								Total	7500000.00

Rupees Seventy Five Lakhs Only

(CERTIFICATE:-

1 The Work spot has been inspected and the work is found to be necessary

2 The Estimate is prepared as per the PW,P & IWTD -SR-2018-19

3 The Provision made in estimate are adequate and essential.

4 This area comes under BBMP limits.

Assistant Engineer
Ward No 15

Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

ನಂ. EE/DD/AS/68/19-20 ದಿನಾಂಕ : 17/06/19

ರೂ. ₹. 75.00 lakhs

Rupees Seventy Five lakhs only

ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ನಂ. CE/02/TS/461/19-20 ದಿನಾಂಕ : 24/06/2019

ರೂ. 75.00 Lakhs/- (Rupees Seventy Five lakhs only)

ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ

ತಾಂತ್ರಿಕ ಸಹಾಯಕರು

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

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